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Approved for use through 10/31/2002. OMB 0651-0032

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## UTILITY **PATENT APPLICATION TRANSMITTAL**

Attorney Docket No.		CL001062-CON			
	nventor	Ming-Hui WEI, et al.			
Title	ISOLATED HUMAN TRANSPORTER PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS AND USES THEREOF				

(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No.				
APPLICATION ELEMENTS	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application				
See MPEP chapter 600 concerning utility patent application contents.  1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for per processing)  Applicant claims small entity status.  See 37 CFR 1.27.  3. X Specification (Total Pages 68) (preferred arrangement set forth below)  - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure  4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 36]  5. Oath or Declaration [Total Pages 2]  Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)  i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	Washington, DC 20231  7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleoticle and/or Arnino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF) (1 diskette)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. paper  c. X Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  9. Assignment Papers (cover sheet & document(s))  10. 37 CFR 3.73(b) Statement Power of (when there is an assignee)  11. English Translation Document (if applicable)  12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449  13. Preliminary Amendment  14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  15. Certified Copy of Priority Document(s) (if foreign priority is claimed)  16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(), Applicant must attach form PTO/SB/35 or its equivalent.				
6. X Application Data Sheet. See 37 CFR 1.76  17. Other:  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-Impart (CIP) of prior application No.:  99, 805,456  Prior application information: Examiner Group Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.					
Customer Number or Bar Code Label	or Correspondence address below				
Name					
Address City	State Zip Code				
Country Tel	ephone Fax				
Name (Print/Type) Lin Sun-Hoffman, Ph.D., Reg No. 47,983 Registration No. (Attorney/Agent)					
Signature	Date October 7, 2003				

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PTO/SB/17 (10-03)

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EEE TO A NOMITTAL	С	omplete if Known	
FEE TRANSMITTAL	Application Number	To Be Assigned	
for FY 2004	Filing Date	October 7, 2003	
Effective 10/01/2003. Patent fees are subject to annual revision.	First Named Inventor	WEI, et al.	
1	Examiner Name		
Applicant claims small entity status. See 37 CFR 1.27			

DTOTAL AMOUNT OF DAVMENT			AR U	nıı			
CTOTAL AMOUNT OF PAYMENT (\$) 770			Attorney Docket No.			lo. CL001062CON	
METHOD OF PAYMENT (check all that apply)			FEE CALCULATION (continued)				
Check Credit card Money Other None			DDITI	ONAI	L FEE	S	
Deposit Account:			Large Entity   Small Entity				
Denosit		Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	
Account Number CELERA GENOM	IICS	1051	130	2051		Surcharge - late filing fee or oath	Fee Paid
Deposit FO 0070		1052		2052		Surcharge - late provisional filing fee or	
Account SU-U97U						cover sheet	
The Director is authorized to: (check all	11.77	1053	130 2,520	1053		Non-English specification For filing a request for ex parte reexamination	
Charge fee(s) indicated below	Credit any overpayments	1804	920*	1804		Requesting publication of SIR prior to	
Charge any additional fee(s) or any un		1004	920	1004	920	Examiner action	
Charge fee(s) indicated below, except to the above-identified deposit account.	for the filing fee	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
FEE CALCULA	TION	1251	110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE		1252	420	2252	210	Extension for reply within second month	
Large Entity Small Entity		1253	950	2253	475	Extension for reply within third month	
Fee Fee Fee Fee Descri	ption Fee Paid	1254	1,480	2254	740	Extension for reply within fourth month	
1001 770 2001 385 Utility filin	g fee	1255	2,010	2255	1,005	Extension for reply within fifth month	
1002 340 2002 170 Design fili	1//0 1	1401	330	2401	165	Notice of Appeal	
1003 530 2003 265 Plant filing	g fee	1402	330	2402	165	Filing a brief in support of an appeal	
1004 770 2004 385 Reissue f	ling fee	1403	290	2403	145	Request for oral hearing	
1005 160 2005 80 Provision	al filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL	(1) (\$) 770	1452	110	2452	55	Petition to revive - unavoidable	
2. EXTRA CLAIM FEES FOR U	•••	1453	1,330	2453	665	Petition to revive - unintentional	
ř	Fee from	1501	1,330	2501	665	Utility issue fee (or reissue)	
Total Claims 16 -20** =	ns <u>below</u> Fee Pald	1502	480	2502	240	Design issue fee	
Independent 2	1^ = 3 = -	1503		2503		Plant issue fee	
Claims 3 - 3 - = Multiple Dependent	」^ <b> </b>	1460		1460	130	Petitions to the Commissioner	
Large Entity   Small Entity		1807	50	1807	7 50	Processing fee under 37 CFR 1.17(q)	
Fee Fee Fee Fee D	escription	1806	180	1806		Submission of Information Disclosure Stmt	
Code (\$) Code (\$)		8021	40	8021	1 40	Recording each patent assignment per property (times number of properties)	
	n excess of 20 lent claims in excess of 3	1809	770	2809		Filing a submission after final rejection (37 CFR 1.129(a))	
1203 290 2203 145 Multiple	dependent claim, if not paid	1810	770	2810	385	For each additional invention to be	
	ie independent claims					examined (37 CFR 1.129(b))	
	iginal patent	1801		2801	385	(102)	
	e claims in excess of 20 er original patent	1802		1802	900	Request for expedited examination of a design application	
SUBTOTAL (2) (\$)			r fee (sp				
**or number previously paid, if greater; For Reissues, see above			uced by	Rasic	riling Fe	ee Paid SUBTOTAL (3) (\$)	
SUBMITTED BY				_			

Registration No. Name (Print/Type) Lin Sun-Hoffman, Ph.D. 47,983 Telephone 240-453-3628 (Attorney/Agent) Signature October 7, 2003

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.